

Wöhler KM 410 Indoor Air Quality Meter

TECHNICAL DATA

CO₂-Measurement (NDIR-Sensor)

Range:..... 0 – 5,000 ppm
 Resolution..... 1 ppm
 Accuracy..... ± 30 ppm ± 5 %
 Warming phase..... 30 sec
 Response time..... <30 sec

CO-Measurement

Range..... 0 – 1,000 ppm
 Resolution..... 1 ppm
 Accuracy..... ± 10 ppm or less
 than 100 ppm
 ± 10 % between
 101-500 ppm
 ± 20 % more than 501 ppm
 Response time..... <60 sec.

Temperature

Range..... -20.0 °C...+60.0 °C
 (-5 – 140 °F)
 Resolution..... 0.1 °C (0.1 °F)
 Accuracy..... ± 0,5 °C (± 0,9 °F)

Relative air humidity

Range..... 0.1...99.9 % r.H.
 Resolution..... 0,1 % r.H.
 Accuracy..... ± 3 % at 10 to 90 % r.H.
 and 25 °C,
 ± 5 % r.H. at other readings and 25 °C
 Response time..... <10 sec

Working temp...... 0 °C... +50 °C

Storage temp...... -20 °C... +60 °C,
 10-90 % r.H.
 non-condensing

Current supply..... 4 AA-batteries or
 mains operation via a
 9 V-DC-adapter (not included in delivery)

PC..... USB-interface

Memory..... 6,000 per list of
 measurement readings CO₂,
 temp., r.H., CO

Logrates..... 1s...4h49m59s

Size..... 205 x 70 x 56 mm

Weight..... 200 g